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Form PTO-148 (Rev. 06/01)
Application No. 101041570U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date), 11/10/02, are:

approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

<p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).</p> <p><input type="checkbox"/> Color drawings are not acceptable until petition is granted. Fig(s) _____</p> <p><input type="checkbox"/> Pen and non black ink not permitted. Fig(s) _____</p>	<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)</p> <p><input type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____</p>
<p>2. PHOTOGRAPHS. 37 CFR 1.84(b)</p> <p><input type="checkbox"/> Color (1) full-tone set is required. Fig(s) _____</p> <p><input type="checkbox"/> Photographs may not be mounted. 37 CFR 1.84(c)</p> <p><input type="checkbox"/> Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____</p> <p><input type="checkbox"/> Poor quality (half-tone). Fig(s) _____</p>	<p>9. SCALE. 37 CFR 1.84(k)</p> <p><input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____</p>
<p>3. TYPE OF PAPER. 37 CFR 1.84(c)</p> <p><input type="checkbox"/> Paper not flexible, strong, white, and durable. Fig(s) _____</p> <p><input type="checkbox"/> Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____</p>	<p>10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)</p> <p><input checked="" type="checkbox"/> Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) <u>1/3 (Pale)</u></p>
<p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes</p> <p>21.0 cm by 29.7 cm (DIN size A4) or 21.6 cm by 27.9 cm (8 1/2 x 11 inches)</p> <p><input type="checkbox"/> All drawing sheets not the same size. Sheet(s) _____</p> <p><input type="checkbox"/> Drawing sheets not an acceptable size. Fig(s) _____</p>	<p>11. SHADING. 37 CFR 1.84(m)</p> <p><input type="checkbox"/> Solid black areas pale. Fig(s) _____</p> <p><input type="checkbox"/> Solid black shading not permitted. Fig(s) _____</p>
<p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 1.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm</p> <p><input type="checkbox"/> Margins not acceptable. Fig(s) _____</p> <p><input type="checkbox"/> Top (T) _____ Left (L) _____</p> <p><input type="checkbox"/> Right (R) _____ Bottom (B) _____</p>	<p>12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)</p> <p><input type="checkbox"/> Numbers and reference characters not plain and legible. Fig(s) _____</p> <p><input type="checkbox"/> Figure legends are poor. Fig(s) _____</p> <p><input type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____</p> <p><input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____</p> <p><input type="checkbox"/> Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____</p>
<p>6. VIEWS. 37 CFR 1.84(h)</p> <p>REMARKS: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.</p> <p><input type="checkbox"/> Views not labeled separately or properly. Fig(s) _____</p>	<p>13. LEAD LINES. 37 CFR 1.84(q)</p> <p><input type="checkbox"/> Lead lines missing. Fig(s) _____</p>
<p>7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)</p> <p><input type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p>	<p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)</p> <p><input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____</p>
<p>COMMENTS:</p> <p style="text-align: center;">① ②</p>	

Reviewer: _____

If you have questions, call (703) 305-8404.

Date 12/8/04
Attachment to Paper No. _____